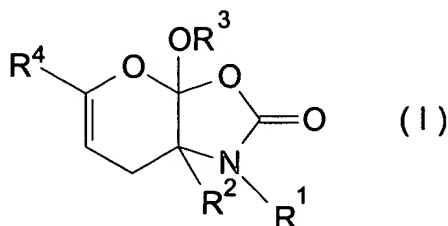


## LISTING OF CLAIMS

1. (currently amended) A 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one represented by the formula (I):



wherein R<sup>1</sup> represents a hydrogen atom, an alkyl group, an alkenyl group, an aryl group or an aralkyl group; R<sup>2</sup> represents a hydrogen atom; R<sup>3</sup> is a methyl group ~~represents an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl group, provided that a 2-alkenyl group is excluded from the alkenyl group of R<sup>3</sup>; and R<sup>4</sup> represents a methyl group or a n-propyl group.~~

2. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 1, wherein

R<sup>1</sup> represents an alkyl group, a phenyl group or an aralkyl group, R<sup>2</sup> represents a hydrogen atom, R<sup>3</sup> is a methyl ~~represents an alkyl group, a cycloalkyl group or an aryl group, and R<sup>4</sup> represents a methyl group or a n-propyl group.~~

3. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 1, wherein R<sup>1</sup> represents a benzyl group, a 1-phenylethyl group, a diphenylmethyl group, a phenyl group, a (1-naphthyl)methyl group or a 1-(1-naphthyl)ethyl group, R<sup>2</sup> represents a hydrogen atom, R<sup>4</sup> represents a methyl group ~~or a n-propyl group~~.

4. (previously presented) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 1, wherein the 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one represented by the formula (I) is at least one compound selected from the group consisting of:

3-diphenylmethyl-7a-ethoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

3-diphenylmethyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

~~3-diphenylmethyl-7a-((1)-menthyloxy)-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

3-diphenylmethyl-3a-methyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

3-(1-phenylethyl)-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

~~3-(1-phenylethyl)-7a-isopropoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

~~3-(1-phenylethyl)-7a-((1)-menthyloxy)-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

3-benzyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

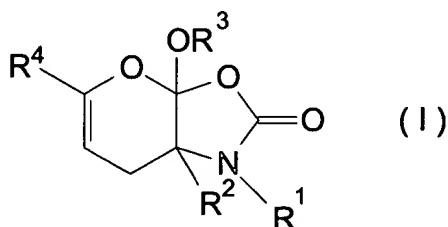
~~3-benzyl-7a-isopropoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

~~3-benzyl-7a-((1)-menthyloxy)-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

~~3-(1-naphthyl)methyl-7a-isopropoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

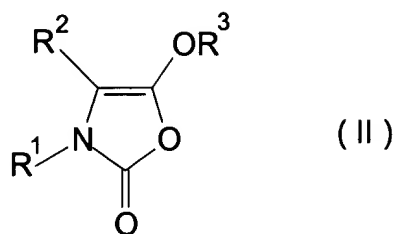
3-(1-(1-naphthyl)ethyl)-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one.

5. (currently amended) A process for producing a 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one represented by the formula (I):

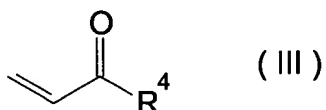


wherein  $R^1$  represents a hydrogen atom, an alkyl group, an alkenyl group, an aryl group or an aralkyl group;  $R^2$  represents a hydrogen atom;  $R^3$  represents ~~an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl~~ a methyl group, ~~provided that a 2-alkenyl group is excluded from the alkenyl group of  $R^3$~~ ; and  $R^4$  represents a methyl group ~~or a n-propyl group~~, which

comprises reacting a 5-alkoxy-2(3H)-oxazolone represented by the formula (II):

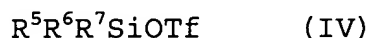


wherein R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are the same as defined above, with an  $\alpha,\beta$ -unsaturated ketone represented by the formula (III):



wherein R<sup>4</sup> is the same as defined above, in an organic solvent in the presence of a Lewis acid.

6. (original) The process for producing a 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 5, wherein the Lewis acid is represented by the formula (IV):



wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> each independently represent an alkyl group having 1 to 6 carbon atoms and Tf represents a trifluoromethanesulfonyl group.

7. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to Claim 1, wherein R<sup>1</sup> is an alkyl group, an aralkyl group or a phenyl group, R<sup>2</sup> is a hydrogen atom,

R<sup>3</sup> is ~~an alkyl~~ a methyl group, and R<sup>4</sup> is a methyl group ~~or a n-propyl~~ group.

8. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to Claim 1, wherein R<sup>1</sup> is an alkyl group having 1 to 6 carbon atoms, an aralkyl group or a phenyl group, R<sup>2</sup> is a hydrogen atom, R<sup>3</sup> is ~~an alkyl group having 1 to 6 carbon atoms~~ a methyl group, and R<sup>4</sup> is a methyl group ~~or a n-propyl~~ group.

9. (Canceled)

10. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to Claim 1, wherein R<sup>3</sup> is a methyl, ethyl, ~~n propyl, isopropyl, n butyl, sec butyl or tert butyl~~ group.

11-13 (canceled)

14. (previously presented) 3-diphenylmethyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]oxazol-2(3H)-one.

15. (canceled)